

IN THE CLAIMS

The following is a complete listing of the claims, and replaces all earlier versions and listings.

1.-31. (Canceled)

32. (New) A color facsimile apparatus comprising:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

embedding means for embedding transmission information for a header or footer in the unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit of the extracted data in which the transmission information should be embedded;

compressing means for executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is embedded and for storing compressed data in a memory;

forming means for forming a JPEG image data of one page based on the compressed data stored in the memory; and

transmitting means for transmitting the JPEG image data.

33. (New) A color facsimile apparatus according to claim 32, further comprising buffering means for successively storing the image data generated by said generating means in a buffer, and

wherein said extracting means extracts data of a predetermined number of lines corresponding to the unit from the buffer.

34. (New) A color facsimile apparatus according to claim 32, further comprising determining means for determining whether the unit of the extracted data is a unit of the extracted data in which the transmission information should be embedded, and

wherein said embedding means embeds the transmission information in the unit of the extracted data according to determination of said determining means.

35. (New) A color facsimile apparatus according to claim 32, wherein the transmission information indicates at least one of a date, a time, and a number of pages.

36. (New) A color facsimile apparatus comprising:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

compressing means for executing JPEG compression processing for each unit of the extracted data and for storing compressed data in a memory;

forming means for forming a JPEG image data of one page based on the compressed data stored in the memory;

transmitting means for transmitting the JPEG image data; and

embedding means for embedding transmission information for a header or footer in the unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit of the extracted data in which the transmission information should be embedded before said compressing means executes the JPEG compression processing.

37. (New) A controlling method of a color facsimile apparatus, comprising the steps of:

reading an image;

generating image data representing the image;

extracting data from the image data in minimum processing units for JPEG compression processing;

embedding transmission information for a header or footer in the unit of extracted data extracted in said extracting step when the unit of the extracted data is a unit of the extracted data in which the transmission information should be embedded;

executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is embedded;

storing compressed data in a memory;

forming a JPEG image data of one page based on the compressed data stored in the memory; and

transmitting the JPEG image data.

38. (New) A controlling method of a color facsimile apparatus, comprising the steps of:

reading an image;

generating image data representing the image;

extracting data from the image data in minimum processing units for JPEG compression processing;

executing JPEG compression processing for each unit of the extracted data;

storing compressed data in a memory;

forming a JPEG image data of one page based on the compressed data stored in the memory;

transmitting means for transmitting the JPEG image data; and

embedding transmission information for a header or footer in the unit of extracted data extracted in said extracting step when the unit of the extracted data is a unit of the extracted data in which the transmission information should be embedded before executing the JPEG compression processing.

39. (New) A storage medium storing a program for causing a computer to function as the following means in a color facsimile apparatus:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

embedding means for embedding transmission information for a header or footer in the unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit of the extracted data in which the transmission information should be embedded;

compressing means for executing JPEG compression processing for each unit of the extracted data including the unit of the extracted data in which the transmission information is embedded and for storing compressed data in a memory;

forming means for forming a JPEG image data of one page based on the compressed data stored in the memory; and

transmitting means for transmitting the JPEG image data.

40. (New) A storage medium storing a program for causing a computer to function as the following means in a color facsimile apparatus:

reading means for reading an image;

generating means for generating image data representing the image;

extracting means for extracting data from the image data in minimum processing units for JPEG compression processing;

compressing means for executing JPEG compression processing for each unit of the extracted data and for storing compressed data in a memory;

forming means for forming a JPEG image data of one page based on the compressed data stored in the memory;

transmitting means for transmitting the JPEG image data; and

embedding means for embedding transmission information for a header or footer in the unit of extracted data extracted by said extracting means when the unit of the extracted data is a unit of the extracted data in which the transmission information should be embedded before said compressing means executes the JPEG compression processing.